

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07457

A. CLASSIFICATION SUBJECT MATTER
IPC 7 A61K7/00 A61K7/06 A61K7/48 A61K7/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ES 2 137 125 A (VINYALS S A LAB DR) 1 December 1999 (1999-12-01) cited in the application column 3, line 54; claims; examples -----	1-10
X	EGGENSPERGER, H.; WILKER, M.: "Glycyrrhetinsäure - und was man von einem multiaktiven Wirkstoff für die Kosmetik und Dermatologie erwarten darf" SÖFW-JOURNAL, vol. 122, no. 14, 1996, pages 990-997, XP002257130 the whole document -----	1-5,7,8, 10
X	WO 98/26755 A (LANCASTER GROUP GMBH ;GOLZ BERNER KARIN (MC); ZASTROW LEONHARD (MC) 25 June 1998 (1998-06-25) example IV ----- -/--	1-5,7,8, 10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"S" document member of the same patent family

Date of the actual completion of the international search

9 October 2003

Date of mailing of the international search report

05.03.04

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 660 212 A (TOYO KASEI CO LTD) 4 October 1991 (1991-10-04) examples -----	1,2,4,9, 10
X	PISANI, M.; GUERRERA V.; GRIMALDI FILIOLO F.: "Trattamento dell' acne volgare con una crema a base di acido azelico (12%), L-carnitina (2%), enoxolone (1%): studio in doppio cieco versus placebo" CHRONICA DERMATOLOGICA, vol. 1, no. 3, 1991, pages 339-244, XP008014437 the whole document -----	1,5,6,10
X	GB 1 046 566 A (MARUZEN KASEI CO LTD) 26 October 1966 (1966-10-26) the whole document -----	1,2,4
X	WO 98/17293 A (CRISTONI ALDO ;INDENA SPA (IT); MORAZZONI PAOLO (IT); BOMBARDELLI) 30 April 1998 (1998-04-30) claim 1; examples -----	1,3,10
A	EP 0 661 036 A (OREAL) 5 July 1995 (1995-07-05) claim 12 -----	6

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

SEE SUPPLEMENTAL SHEET

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-5, 7-10 (in full); 6 (in part)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

The International Searching Authority has determined that this international application contains multiple (groups of) inventions, namely

1. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent azelaic acid and derivatives thereof.

2. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent salicylic acid and derivatives thereof.

3. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent benzyl peroxide.

4. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent hexachlorophene.

5. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent dodecylbenzenesulfonic acid.

6. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent 2,2',2''-nitrolotriethanol salts.

7. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent dexpanthenol.

8. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent resorcin.

9. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent erythromycin.

10. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent coal tar, ichthyol.

11. Claims 1-5, 7-10 (in full); 6 (in part)

cosmetic preparations with an effective amount of glycyrrhetic acid characterized in that they also contain as antibacterial or antibiotic agent finely divided sulfur.

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
ES 2137125	A	01-12-1999	ES 2137125 A1	01-12-1999
WO 9826755	A	25-06-1998	DE 19654508 C1	13-08-1998
			AT 208185 T	15-11-2001
			BR 9713728 A	25-01-2000
			CA 2272101 A1	25-06-1998
			CN 1237895 A	08-12-1999
			CZ 9901965 A3	15-09-1999
			WO 9826755 A1	25-06-1998
			DE 59705307 D1	13-12-2001
			EP 0949901 A1	20-10-1999
			ES 2167808 T3	16-05-2002
			HU 0000423 A2	28-05-2001
			JP 2001506240 T	15-05-2001
			US 6221372 B1	24-04-2001
FR 2660212	A	04-10-1991	JP 2849437 B2	20-01-1999
			JP 3284607 A	16-12-1991
			FR 2660212 A1	04-10-1991
GB 1046566	A	26-10-1966	US 3405152 A	08-10-1968
WO 9817293	A	30-04-1998	IT MI962149 A1	17-04-1998
			AT 218357 T	15-06-2002
			AU 717760 B2	30-03-2000
			AU 4865597 A	15-05-1998
			CA 2268908 A1	30-04-1998
			CN 1233183 A ,C	27-10-1999
			CZ 9901329 A3	11-08-1999
			DE 69713116 D1	11-07-2002
			DE 69713116 T2	19-12-2002
			DK 930888 T3	16-09-2002
			WO 9817293 A1	30-04-1998
			EP 0930888 A1	28-07-1999
			ES 2177953 T3	16-12-2002
			HU 9904667 A2	28-05-2000
			JP 2000507958 T	27-06-2000
			KR 2000049163 A	25-07-2000
			NO 991741 A	10-06-1999
			PL 332861 A1	25-10-1999
			PT 930888 T	30-09-2002
			RU 2194524 C2	20-12-2002
			SI 930888 T1	31-08-2002
			SK 49699 A3	13-03-2000
			US 6267996 B1	31-07-2001
			US 2001046525 A1	29-11-2001
EP 0661036	A	05-07-1995	FR 2714602 A1	07-07-1995
			AT 141781 T	15-09-1996
			BR 9405482 A	19-09-1995
			CA 2138873 A1	01-07-1995
			DE 69400428 D1	02-10-1996
			DE 69400428 T2	16-01-1997
			EP 0661036 A1	05-07-1995
			ES 2094034 T3	01-01-1997
			HU 71722 A2	29-01-1996
			JP 2714541 B2	16-02-1998
			JP 7309781 A	28-11-1995

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0661036	A	PL 306586 A1	10-07-1995
		RU 2128506 C1	10-04-1999
		US 5679374 A	21-10-1997

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